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**Annex J**  
**(informative)**  
**Category and priority classifications for problem reporting**

**J.1 Scope**

IEEE Std 1044 may be useful in developing classifications for problem reporting.

**J.2 Classification by category**

The developer should assign each problem in software products to one or more of the categories in figure J.1.

Category	Applies to problems in
a. Plans	One of the plans developed for the project
b. Concept	The operational concept
c. Requirements	The system or software requirements
d. Design	The design of the system or software
e. Code	The software code
f. Database/data file	A database or data file
g. Test information	Test plans, test descriptions, or test reports
h. Manuals	The user, operator, or maintenance manuals
i. Other	Other software products

**Figure J.1— Categories to be used for classifying problems in software products**

**J.3 Classification by priority**

The developer should assign each problem in software products or activities to one of the priorities in figure J.2.

Priority	Applies if a problem could
1	a) Prevent the accomplishment of an essential capability b) Jeopardize safety, security, or other requirement designated "critical"
2	a) Adversely affect the accomplishment of an essential capability and no work-around solution is known b) Adversely affect technical, cost, or schedule risks to the project or to life cycle support of the system, and no work-around solution is known
3	a) Adversely affect the accomplishment of an essential capability but a work-around solution is known b) Adversely affect technical, cost, or schedule risks to the project or to life cycle support of the system, but a work-around solution is known
4	a) Result in user/operator inconvenience or annoyance but does not affect a required operational or mission-essential capability b) Result in inconvenience or annoyance for development or maintenance personnel but does not prevent the accomplishment of the responsibilities of those personnel
5	Any other effect

**Figure J.2— Priorities to be used for classifying problems**